

**REVISED EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
REGARDING THE REVISION OF THE
2007 CALIFORNIA PLUMBING CODE (CPC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5
(HCD 01/07)**

The Department of Housing and Community Development (HCD) proposes to revise the 2007 edition of the California Plumbing Code (CPC) as presented on the following pages. HCD further proposes to:

- Repeal amendments to the model codes that are no longer necessary, repeal or amend building standards that are not addressed by a model code;
- Relocate or codify existing adopted and necessary amendments to the model code, the action of which has no regulatory effect; adopt new necessary amendments to the model code proposed for adoption; and/or
- Adopt new building standards that are not addressed by the model code.

LEGEND FOR EXPRESS TERMS:

1. **Existing California amendments or code language being modified:** *All language appears in italics, modified language is underlined.*
 2. **UPC language with new California amendments:** UPC language shown in normal Arial 9 point; California amendments to UPC text shown underlined and in italics.
 3. **Repealed text:** All language appears in ~~strikeout~~.
 4. **Notation:** Authority and Reference citations are provided at the end of each section.
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1. Amend Table 6-4 as follows:

CHAPTER 6 WATER SUPPLY AND DISTRIBUTION

TABLE 6-4^{1,2,3}

Material	Water Distribution Pipe and Fittings		Building Supply Pipe and Fittings
	Hot	Cold	
Asbestos – Cement			X
Brass	X	X	X
Copper	X	X	X
Cast Iron	X	X	X
CPVC	X	X	X
Galvanized Malleable Iron	X	X	X
Galvanized Wrought Iron	X	X	X
Galvanized Steel	X	X	X
PE			X
PE-AL-PE	X	X	X
PEX ^{1,2,3}	X	X	X
PEX-AL-PEX ¹	X	X	X
PVC			X

² When PEX tubing is placed in soil and is used in potable water systems intended to supply drinking water to fixtures or appliances, the tubing or piping shall ~~meet one of the following:~~ be sleeved with a material approved for potable water use in soil or other material that is impermeable to solvents or petroleum products.

~~1. The tubing is sleeved with a material approved for potable water use in soil or other material that is impermeable to solvents or petroleum products.~~

~~2. A Phase I Environmental Site Assessment is conducted in accordance with ASTM Standard E 1527-05 and concludes that contamination of the soil or groundwater by solvents or petroleum products in areas where PEX tubing would be placed is unlikely.~~

³ PEX tubing shall meet the requirements of NSF P171 CL-R, ASTM F 876-08 or an equivalent or more stringent standard when used in continuously recirculating hot water systems where chlorinated water is supplied to the system and the PEX tubing is exposed to the hot water 100% of the time,

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17921, 17921.3, 17921.4, 17922, 18300, 18865, 18944.11 and 19990; and Government Code Sections 12955.1.

Reference: Health and Safety Code Sections 17000 through 17060, 17910 through 17995.5, 18630, 18640, 18690, 18873.1, 18873.2, 18873.4 and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

Rationale for change:

In Footnote 2, HCD is proposing to remove the Phase I Site Assessment due to changes to the Recirculated Draft Environmental Impact Report (RDEIR).

In Footnote 3, HCD is proposing to add the recently approved ASTM F 876-08 for the testing of PEX piping. The test is equivalent to the previously proposed NSF P171 CL-R standard.

2. Amend Section 604.1 as follows:

604.1 All pipe, tube and fittings carrying water used in potable water systems intended to supply drinking water shall meet the requirements of NSF 61 as found in Table 14-1. All materials used in the water supply system, except valves and similar devices, shall be of a like material, except where otherwise approved by Authority Having Jurisdiction. Materials for building water piping and building supply piping shall be in accordance with Table 6-4 and the standards in Table 14-1.

~~**[HCD1 & HCD2]** All PEX pipe, tube, and fittings carrying water in potable water systems intended to supply drinking water for human consumption to fixtures and appliances shall also receive NSF certification that any leached concentrations of methyl tertiary butyl ether (MTBE), Tert Butylacrylate (TBA), or California Proposition 65 chemicals are below the relevant California Maximum Contaminant Level (MCL), secondary MCL, notification, or Safe Harbor level or other applicable Proposition 65 level for those chemicals. The tubing shall be physically marked in a manner that indicates the pipe is NSF-certified for human consumption uses in California.~~

~~For water service areas that have detectable levels of MTBE or TBA in drinking water or where there is known MTBE or TBA contamination of a source of drinking water, PEX tubing installed to supply water for human consumption uses shall be certified by NSF not to leach detectable levels of MTBE or TBA, and be physically marked as such.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17921, 17921.3, 17921.4, 17922, 18300, 18865, 18944.11 and 19990; and Government Code Sections 12955.1.

Reference: Health and Safety Code Sections 17000 through 17060, 17910 through 17995.5, 18630, 18640, 18690, 18873.1, 18873.2, 18873.4 and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

Rationale for change:

HCD is proposing to remove the language identified by double strikeout in Section 604.1 relating to leaching of specified chemicals due to changes in the Recirculated Draft Environmental Impact Report (RDEIR).